

NO-PLAY RATCHET CONSTRUCTION

ABSTRACT OF THE DISCLOSURE

The present invention is an improved ratcheting mechanism for a tool that includes a number of bearings disposed within the mechanism that maintain the alignment of a gear forming a part of the mechanism with the remainder of the parts of the mechanism. The bearings are disposed within a housing for the mechanism and serve to align and allow the free rotation of a shaft connected to the gear. The bearings, by maintaining the alignment of the shaft and gear with the remainder of the mechanism, prevent the gear from experiencing any lateral or axial displacement with respect to the remainder of the mechanism. Further, the various components of the mechanism are effectively sealed to the housing in order to provide a fluid tight mechanism for use in a variety of different applications.